

1        EXTERNALLY CUSTOMIZED TONAL-HIERARCHY CONFIGURATION AND  
2        COMPLEMENTARY BUSINESS ARRANGEMENTS, FOR INKJET PRINTING

3

4

5        ABSTRACT

6

7        A printer is made by one firm; a RIP made/programmed  
8        by a separate RIP firm processes and sends to the printer  
9        image data; a two-bit data pipeline passes data through  
10      the RIP; a drop table converts data in the pipe to printer  
11      resolution. RIP firms set up the table with output dot-  
12      per-pixel structure different from the pipe. Ideally the  
13      table is in the printer but formed by the RIP; the RIP has  
14      precooked printmask instructions, and the printer, popup  
15      instructions to refine mask instructions; the instructions  
16      hide nozzle-out error and fix which pass prints each pix-  
17      el; a computer, monitor etc. receive/create data and pass  
18      them to the RIP. Another aspect: a printer has a plural-  
19      bit data pipe, and interface to accept an external table  
20      to convert data from the pipe to numbers of dots per pix-  
21      el. The interface best accepts a printmode recipe too.